

Initial Algal Abundance



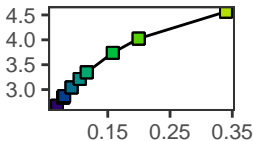
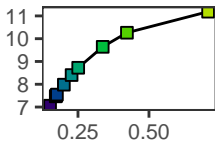
0.01

0.10

1.00

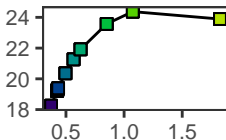
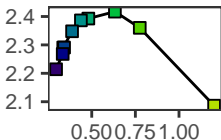
$a = a_{\text{est}}$

$r = 0.5 \times r$



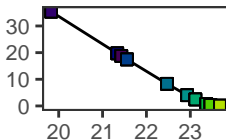
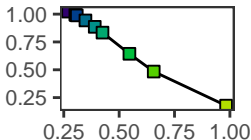
$a = a_{\text{opt}}$

$r = 1.5 \times r$



$a = 0.25$

$r = 3 \times r$



Midge Growth $\mu\text{g C ind}^{-1} \text{d}^{-1}$

Primary Production $\mu\text{g C cm}^{-2} \text{d}^{-1}$